

METHOD AND APPARATUS FOR BUCKSAWING LOGS

Abstract of the Disclosure

5 Previous methods of bucksawing logs slow the throughput⁸
of a sawmill in that the conveyor line is stopped while a given log is²³
bucksawed to length. The present invention provides a method for³³
bucksawing a log which improves the throughput speed. The present⁷³
invention provides a method and apparatus for bucksawing a log compris-⁵⁴
10 ing the steps of a) advancing the log endwise along a tilted infeed⁶⁵
conveyor; b) positioning the log on a tilted feed roll above the level of an⁷⁹
outfeed conveyor while advancing the log; c) measuring the advance of⁸⁹
the log while on the tilted feed roll; d) stopping the log at the desired¹⁰³
length; e) sawing the log to produce a forward log segment; f) moving the¹¹⁵
15 forward log segment onto a tilted outfeed conveyor while advancing the¹²⁶
remaining log segments. The present invention further provides a method¹³⁶
and apparatus for bucksawing a log comprising utilizing a second multi-¹⁴⁷
positional cut-off saw in the bucksawing station. The present invention¹⁵⁶
further provides a method for bucksawing a log comprising utilizing a
20 shifting gap in the conveyor system associated with the second multi-
positional cut-off saw in the bucksawing station. The present invention
further provides a method and apparatus for bucksawing a log comprising
utilizing two multi-positional cut-off saws in the bucksawing station for
indefinite length cuts.

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